

Title (en)

MIDDLE FRAME OF ELECTRONIC DEVICE, MIDDLE FRAME ASSEMBLY, AND ELECTRONIC DEVICE

Title (de)

MITTELRAHMEN EINER ELEKTRONISCHEN VORRICHTUNG, MITTELRAHMENANORDNUNG UND ELEKTRONISCHE VORRICHTUNG

Title (fr)

CHÂSSIS CENTRAL DE DISPOSITIF ÉLECTRONIQUE, ENSEMBLE CHÂSSIS CENTRAL ET DISPOSITIF ÉLECTRONIQUE

Publication

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Application

EP 22871041 A 20220907

Priority

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Abstract (en)

Embodiments of this application disclose a middle frame of an electronic device, a middle frame assembly, and an electronic device. The embodiments of this application may be applied to a terminal product that includes a screen, for example, a mobile phone, a tablet computer, a handheld computer, a walkie-talkie, a POS machine, an event data recorder, a wearable device, a virtual reality device, or a vehicle-mounted front loading apparatus. The middle frame assembly includes a middle frame and a plastic part injection-molded on a surface of the middle frame. The middle frame includes a middle plate and a first accommodation chamber configured to accommodate a battery of the electronic device. There is a drainage material section on an outer side surface of the middle frame. The middle plate includes a first middle plate region for forming a bottom wall of the first accommodation chamber. The drainage material section is at least partially located between surfaces on which a top surface and a bottom surface of the first middle plate region are located. The middle frame has few sand holes, good quality, and high strength, to resolve a problem that overall strength and reliability of the electronic device are low due to poor forming quality and low strength of the middle frame.

IPC 8 full level

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CPC (source: EP US)

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